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No. 21.

THIRTY-THIRD ANNUAL REPORT

OF

THE TRUSTEES

OF THE

NORTHAMPTON LUNATIC HOSPITAL,

FOR THE

FOR THE

YEAR ENDING SEPTEMBER 30, 1888.

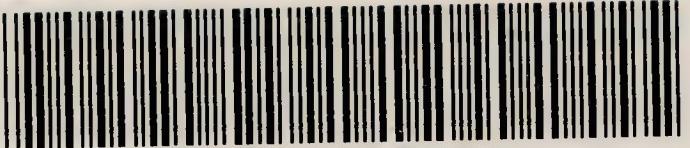
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OFFICERS
OF THE
NORTHAMPTON LUNATIC HOSPITAL.

TRUSTEES.

MRS. SARAH M. BUTLER,	NORTHAMPTON.
MRS. SARAH A. WOODWORTH,	.	.	.	.	.	.	CHICOPEE.
ADAMS C. DEANE, M.D.,	.	.	.	.	.	.	GREENFIELD.
HENRY W. TAFT, Esq.,	.	.	.	.	.	.	PITTSFIELD.
HON. JOHN L. OTIS,	.	.	.	.	.	.	NORTHAMPTON.
LYMAN D. JAMES, Esq.,	.	.	.	.	.	.	WILLIAMSBURG.
NEHEMIAH A. LEONARD, Esq.,	.	.	.	.	.	.	SPRINGFIELD.

RESIDENT OFFICERS.

EDWARD B. NIMS, M.D.,	.	.	.	.	.	<i>Superintendent.</i>
EDWARD B. LANE, M.D.,	.	.	.	.	.	<i>First Assistant Physician.</i>
DAVID G. HALL, M.D.,	.	.	.	.	.	<i>Second Assistant Physician.</i>
EMILY F. WELLS, M.D.,	.	.	.	.	.	<i>Third Assistant Physician.</i>
WALTER B. WELTON,	.	.	.	.	.	<i>Clerk.</i>
JOHN MERCIER,	.	.	.	.	.	<i>Farmer.</i>
DANFORD MORSE,	.	.	.	.	.	<i>Engineer.</i>

TREASURER.

EDWARD B. NIMS,	.	.	.	.	.	.	NORTHAMPTON.
Office at the hospital.							

SUBORDINATE OFFICERS.

ROBERT H. GALLIVAN,	.	.	.	.	.	.	<i>Male Supervisor.</i>
LUCY A. GILBERT,	.	.	.	.	.	.	<i>Female Supervisor.</i>
F. JOSEPHUS RICE,	.	.	.	.	.	.	<i>Steward.</i>
SUSAN A. MILLER,	<i>Seamstress.</i>
NETTIE LYMAN,	<i>Laundress.</i>
GEORGE B. WALKER,	<i>Baker.</i>



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Commonwealth of Massachusetts.

TRUSTEES' REPORT.

To His Excellency the Governor of the Commonwealth and the Honorable Council.

The thirty-third annual report of the Trustees of the Northampton Lunatic Hospital for the fiscal year 1887-88 is herewith presented for your consideration, together with the reports of the Treasurer and Superintendent and the tables of statistics.

The changes in the population, improvements, expenditures and receipts, and the general results of the year's work, are given in detail. A review of the operations and condition of the hospital, as observed by us at the monthly meetings and inspections and at other frequent visits, enables us to say that the year has been a successful one. The freedom from any unusual accident, the condition of the patients and the financial prosperity of the institution, afford sufficient proof that the affairs of the hospital have been carefully managed. The continued increase in the number of admissions is noticeable. This number was larger by eighteen than in the preceding year, and larger by eight than in any former year in the history of the institution, not including the transfers from other hospitals which were formerly made in large numbers. All the patients admitted within the past year with one exception were from the four western counties of the State. It is evident from these facts that the time is not far distant when the present accommodations for the insane in western Massachusetts will be insufficient, and that relief in some direction will become necessary.

About eighty patients of the chronic class still remain in the hospital, whose residence or legal settlement is in the eastern part of the State. A large portion of these were transferred from the eastern hospitals in former years.

The number of patients in the hospital at the beginning of the year was 469 : of men, 224, of women, 245. The number admitted during the year was 166 : of men, 87, of women, 79 ; of these 56 were supported by the State, 87 by towns and cities and 23 by individuals. The whole number of cases under treatment in the year was 635 : of men, 311, of women, 324. The number discharged was 154 : of men, 79, of women, 75. Included in this number were 31 deaths, 14 men and 17 women. The number remaining at the end of the year was 481 : of men, 232, of women, 249. The average daily number was 470.25 : of men, 225.88, of women, 244.37. Thirty-six patients were discharged as recovered, 9 as much improved, 46 as improved, 29 as unimproved and 2 as not insane. No suicide has occurred in the hospital since October, 1884. The sanitary condition of the hospital has been good. No epidemic has prevailed, nor has there been any case of contagious disease. The changes in the sanitary apparatus which have been made during the past few years have resulted in a noticeable improvement in the ventilation of the hospital. The year has not been marked by any very important improvements. Still, the extraordinary repairs and the changes which were thought to be necessary have been carried on. The repairs on the roof of the main building have been unusually large. The relaying of the floor in many of the halls and rooms with the best quality of quartered hard pine has been continued, so that the hospital is now supplied with floors of the best description. Fifty-six large black walnut settees, of a thorough and substantial as well as elegant make, have been placed in the halls. For many years past considerable attention has been given to the under-draining of the grounds about the buildings and farm generally. A drain built of brick, two feet in diameter and eleven hundred feet in length, was constructed in the highway from the river near the bridge to the foot of the hill, affording an outlet to the system of drains in the street above. The farm improvements have also been

continued, in the construction of several large and expensive drains, building of roads and culverts and reclaiming waste land. The result is a continual increase in the productiveness and value of the farm. The improvement in appearance in portions of the premises is also noticeable. The demand for repairs, both usual and extraordinary, and for changes and improvements, are continual in institutions of this kind. Without constant care and vigilance the buildings and premises will soon deteriorate. The amounts of money expended for this purpose often appear to be large, yet they are necessary if the hospitals are kept in good working order. An addition was made to the farm by the purchase of a pasture containing about thirty acres situated in the town of Williamsburg. The arrangement of the farm is now more convenient, as the amount of pasture has hitherto been too small. This purchase increases the amount of land belonging to the hospital to about three hundred and ninety-five acres.

The law fixing the price of board for patients supported by towns and cities has always been construed as allowing the hospital to make additional charges for clothing furnished to these patients, and also for damages done by them to the property of the institution. It has been the custom to make these charges since the opening of the hospital, for nearly thirty years, and they have been assented to and paid by all the city and town authorities without question.

Within the past year the interpretation of the law was given by the Attorney-General to the effect that such additional charges were illegal, and, acting upon this interpretation, many towns and cities declined to pay them. We have continued to make these charges as heretofore, but in deference to the opinion of the Attorney-General, we have not presented these accounts for payment to the different cities and towns of the Commonwealth since April 1 of the present year, and probably shall not do so until the correctness of the meaning of the statute as understood by all parties interested, with the new interpretation given to it by the Attorney-General, has been passed upon by the Supreme Judicial Court. This proposition to reduce the income of the hospital is much regretted by the trustees, as it cuts off

a large portion of the funds which it has been the custom to expend in improvements. The experience of many years proves that a reasonable surplus contributes very much to an economical management of the hospital. It enables us to take advantage of favorable prices in purchases, to make repairs when needed, to meet the exigencies of accidents, and lessens the necessity of asking for special appropriations. It is only by strict economy that the hospital can live within its regular income. It does not contribute to good work, nor is it a stimulus to the best effort among those who labor in the hospital from year to year, to be continually studying on how small a sum they can subsist those who are under their care.

It will be noticed that the expenditures outside of actual current expenses are less than usual. It was thought best to curtail these as far as possible, in view of other probable demands upon the funds of the institution.

The Treasurer's report which is appended gives the amounts of each class of expenses. The money received for the board of patients during the year is as follows:—

For State patients,	\$19,823 64
town patients,	49,843 41
private patients,	17,264 99
<hr/>	
Total,	\$86,932 14

No change has occurred in the official staff of the hospital among those who were in office at the beginning of the year.

Dr. Edward B. Lane, formerly first assistant physician at the Boston Lunatic Hospital, was appointed to the office of first assistant physician March 1.

A. C. DEANE,
SARAH M. BUTLER,
SARAH A. WOODWORTH,
HENRY W. TAFT,
J. L. OTIS,
LYMAN D. JAMES,
N. A. LEONARD,

Trustees.

LIST OF PERSONS

REGULARLY EMPLOYED AT THE NORTHAMPTON LUNATIC HOSPITAL,
SEPT. 30, 1888.

Superintendent and physieian,	.	.	.	.	.	per year,	\$2,500	00
Assistant physician, first,	.	.	.	.	.	"	1,200	00
Assistant physician, seeond,	.	.	.	.	.	"	1,000	00
Assistant physieian, third,	.	.	.	.	.	"	900	00
Treasurer,	.	.	.	.	.	"	300	00
Treasurer, for elerk hire and paid to elerk,	.	.	.	.	.	"	200	00
Clerk,	.	.	.	.	.	"	1,200	00
Farmer,	.	.	.	.	.	"	700	00
Engineer,	.	.	.	.	.	"	900	00
Assistant clerk,	.	.	.	.	.	per month,	25	00
Supervisor (male),	.	.	.	.	.	"	40	00
Supervisor (female),	.	.	.	.	.	"	30	00
Assistant supervisor (female),	.	.	.	.	.	"	20	00
Seamstress,	.	.	.	.	.	"	20	00
Assistant seamstress,	.	.	.	.	.	"	16	00
Laundress,	.	.	.	.	.	"	18	00
Assistant laundress,	.	.	.	.	.	"	18	00
Assistant laundress,	.	.	.	.	.	"	16	00
Baker,	.	.	.	.	.	"	40	00
Steward,	.	.	.	.	.	"	58	33
Assistant steward,	.	.	.	.	.	"	35	00
Attendants (male, 8),	.	.	.	.	.	"	30	00
Attendants (male, 3),	.	.	.	.	.	"	23	00
Attendants (male, 2),	.	.	.	.	.	"	21	00
Attendants (female, 14),	.	.	.	.	.	"	18	00
Attendant (female, 1),	.	.	.	.	.	"	20	00
Attendant (female, 1),	.	.	.	.	.	"	14	00
Night-watch (female),	.	.	.	.	.	"	18	00
Housework, eentre (female, 2),	.	.	.	.	.	"	16	00
Housework, eentre (female, 1),	.	.	.	.	.	"	15	00
Cook (female),	.	.	.	.	.	"	18	00
Assistant cook (male),	"	18	00
Assistant baker (male),	"	10	00
Assistant cooks (female, 3),	"	15	00

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Farmers' dining-room (female),	per month,	\$15 00
Housework, rear building (female),	"	10 00
Watchman,	.	.	.	.	"	30 00
Carpenter,	.	.	.	.	per day,	2 25
Carpenter,	.	.	.	.	"	2 00
Painter,	.	.	.	.	per month,	50 00
Assistant engineer,	.	.	.	.	"	32 00
Night engineer and gardener in summer;	.	.	.	.	"	30 00
Coachman,	.	.	.	.	"	28 00
Farm hands (6),	.	.	.	.	"	28 00
Farm hand (1),	.	.	.	.	"	25 00
Farm hand (1),	.	.	.	.	"	23 00

In the warm season we generally hire some farm hands by the day. This year we had four at \$1.50 per day, without board.

INVENTORY OF STOCK AND SUPPLIES

ON HAND SEPT. 30, 1888.

Live stock on hand,	. . . . .	\$8,051 00
Produce of farm on hand,	. . . . .	9,843 75
Carriages and agricultural implements,	. . . . .	3,120 00
Machinery and mechanical fixtures,	. . . . .	6,660 00
Beds and bedding in inmates' department,	. . . . .	12,500 00
Other furniture in inmates' department,	. . . . .	5,900 00
Personal property of State in Superintendent's department,*	. . . . .	9,000 00
Ready-made clothing,	. . . . .	3,329 50
Dry goods,	. . . . .	3,004 32
Provisions and groceries,	. . . . .	3,354 33
Drugs and medicine,	. . . . .	850 00
Fuel,	. . . . .	6,472 30
Library,	. . . . .	1,000 00
Paints and oils,	. . . . .	550 00
 Total,	. . . . .	\$73,635 20

* This term is here applied to the whole of the central edifice or block, and includes all the offices, the kitchen, the bakery, the laundry, the sewing-room and other apartments.

TREASURER'S REPORT.

To the Trustees of the Northampton Lunatic Hospital.

I hereby present my report, as Treasurer of the hospital, for the fiscal year ending with the 30th of September, 1888. It contains, as usual, an appraisal of the property of the institution, an account of the receipts and the disbursement of money during the year, and the financial condition at its close.

ASSETS.

Three hundred and ninety-four acres of land,	\$45,800 00
Hospital building,	250,000 00
Farm house, \$2,000; brick house, \$2,000, . . .	4,000 00
Three dwellings (H. Day lot),	1,500 00
Storehouse and shops,	16,000 00
Two barns,	5,500 00
Horse stable,	2,000 00
Seullery and wood house,	700 00
Lumber house,	1,100 00
Pump house,	1,000 00
Cart shed,	500 00
Coal house,	150 00
Piggery,	3,000 00
Cattle shed,	1,200 00
Fire proofs for oils and paints,	500 00
Two ice houses,	500 00
	—————
	\$333,450 00

PERSONAL ESTATE.

Stock and supplies on hand, as per inventory appended to the Trustees' report,	\$73,635 20
Reserve Fund,	10,000 00

RECEIPTS.

Cash on hand Sept. 30, 1887,	\$5,483 02
Received from the State Treasurer,	19,640 30
from towns,	52,340 52
from individuals,	17,157 66
from sales,	2,636 76
from interest,	615 20
	—————
	\$97,873 46

PAYMENTS.

1st. Salaries and labor,	\$28,950 93
2d. Provisions and supplies, viz.:—	
Meats of all kinds,	\$5,855 76
Fish of all kinds,	1,516 67
Fruit and vegetables,	2,163 27
Flour,	2,696 50
Grain and meal for table,	1,093 94
Tea, coffee and chocolate,	944 93
Grain and meal for stock,	3,138 54
Sugar and molasses,	2,020 81
Butter and cheese,	4,667 22
Salt and other groceries,	1,794 51
All other provisions,	668 56
	—————
	26,560 71
3d. Clothing,	3,490 03
4th. Fuel and lights,	8,564 85
5th. Medicines and medical supplies,	1,202 59
6th. Furniture, beds and bedding,	4,069 66
7th. Transportation and travelling expenses,	271 06
8th. Ordinary construction and repairs,	2,566 98
9th. Extraordinary construction and repairs,	3,199 33
10th. Miscellaneous expenses, including,—	
1. Real estate,	\$800 00
2. Farm stock,	1,145 30
3. Farm supplies,	3,669 31
4. Water,	1,177 90
5. Minor expenses,	917 85
6. Contingencies,	935 63
	—————
	8,645 99
Total expenditures,	\$87,522 13

LIABILITIES.

Salaries and wages due Oct. 1, 1888,	\$3,921 83
Miscellaneous bills due,	1,912 22
	—————
	\$5,834 05

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Due the institution for board Oct. 1, 1888,—

from State,	\$4,950 05
towns,	13,751 73
individuals,	4,484 25
interest,	. . . . .	100 00
treasurer, Sept. 30, 1888,	. . . . .	10,351 33
		————— \$33,637 36

SUMMARY.

Total receipts,	. . . . .	\$97,873 46
Total payments,	. . . . .	87,522 13
		—————

Cash on hand Sept. 30, 1888,	\$10,351 33
------------------------------	-----------	-------------

Total liabilities,	. . . . .	\$5,834 05
Total debts due the institution,	. . . . .	33,637 36
Total expenditures,	. . . . .	87,522 13

Dividing this sum by 470.25, the average number of patients, we have the average expenditure per patient,	. . . . .	\$186 11 ⁸² ₁₀₀
And the average weekly expenditure per patient,	. . . . .	3 55 ⁹⁶ ₁₀₀

Deducting from the total expenditures,	. . . . .	\$87,522 13
The extraordinary expenses,	. . . . .	3,999 33
		—————

We have the current expenses,	\$83,522 80
-------------------------------	-----------	-------------

Dividing \$83,522.80 by 470.25, the average number of pa- tients, we have the average expenditure per patient,	. . . . .	\$177 61 ³⁶ ₁₀₀
Making the average weekly expenditure per patient,	. . . . .	3 39 ⁶⁹ ₁₀₀

Deducting the increase of personal assets,	. . . . .	\$1,520 93
From the current expenses,	. . . . .	83,522 80

We have the <i>necessary</i> cost for the year,	\$82,001 87
---	-----------	-------------

Dividing \$82,001.87 by 470.25, the average number of pa- tients, we have, as the annual cost of each patient,	. . . . .	\$174.379
Making the average weekly cost of each patient,	. . . . .	3.33 ⁵¹ ₁₀₀

EDWARD B. NIMS,

Treasurer.

We have examined, as auditors, the accounts of the Treasurer, and found a satisfactory voucher for every entry.

A. C. DEANE,
SARAH M. BUTLER,
Auditors.

SUPERINTENDENT'S REPORT.

To the Trustees of the Northampton Lunatic Hospital.

The Superintendent presents for your consideration his report for the year 1887-88.

The following table gives the general statistics concerning the patients who have been under treatment within the year:

1. General Statistics, 1887-88.

	Males.	Females.	Totals.
Patients in hospital Oct. 1, 1887,	224	245	469
Admitted within the year,	87	79	166
Whole number of cases within the year,	311	324	635
Discharged within the year,	79	75	154
Viz.: as recovered,	23	13	36
much improved,	3	6	9
improved,	25	22	47
unimproved,	12	17	29
Deaths,	14	17	31
Not insane,	2	—	2
Patients remaining Sept. 30, 1888,	232	249	481
Viz.: supported as State patients,	61	54	115
town patients,	137	161	298
private patients,	34	34	68
Number of different persons within the year,	305	319	624
Persons admitted,	82	76	158
recovered,	22	13	35
Daily average number of patients,	225.88	244.37	470.25

On the 1st of October, 1888, six women and five men were transferred from State to town charge. Hence the new year will begin with—

State patients,	56	48	104
Town patients,	142	167	309

Four hundred and sixty-nine patients were present in the hospital at the beginning of the year, 224 of whom were men and 245 women. The admissions during the year were 166, of whom 87 were men and 79 women. These admissions were all from the general population, no transfers having been received from other institutions. This number is larger than ever before in the history of the hospital. The total number of cases under treatment for the year was 635, of whom 311 were men and 324 women. The whole number of persons under treatment in course of the year was 624.

The number of persons admitted was 158; one man and two women were discharged and readmitted; one man and three women were admitted, discharged and readmitted. Two men were admitted and discharged twice, and one man was admitted and discharged three times, all within the year.

Of the 166 cases admitted, 122 were first admissions; 35, second; 6, third; and 3, fifth.

One hundred and six of those admitted were of American birth, and sixty of foreign.

The daily average, 470.25, is a little less than in the preceding year. The largest number in the house on any one day was 482.

Of those admitted, 47 were suffering from marked acute disease; 11 were suicidal; 15 were homicidal; 4 were epileptics; 5 were paretic; 98 were cases of mania; 12 of melancholia. In 24 cases there was well-marked dementia. Seven cases were committed under the inebriate law. Fifty-eight persons had been insane more than six months. The percentage of cases which recover after this duration is comparatively small. In some forms of insanity it is practically certain that a permanent cure is out of the question.

The number of cases discharged was 154: of men, 79; of women, 75. The number of persons discharged was 150: of men, 75; of women, 75.

STATUS OF PATIENTS.

The status of the patients in the hospital has not materially changed within the year past.

The number of patients supported by the State at the

beginning of the year was 104, by towns and cities 300, by individuals 65.

Of the 166 patients admitted during the year, 56 were supported by the State, 87 by towns and cities, and 23 by individuals.

Of the 154 patients discharged, 47 were supported by the State, 87 by towns and cities, and 20 by individuals.

Remaining at the end of the year, 115 State patients, 298 town patients, and 68 private patients.

A considerable number of patients whose board bills are charged to towns and cities, and whose names are entered upon the hospital records as town patients, are in reality supported by individuals, the towns or cities being indemnified for the expenses.

The following table shows the weekly average number in each class for two years past, and the changes in status as compared with the preceding year:—

	1886-87.			1887-88.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
State patients, .	70.826	51.961	122.78	60.37	51.80	112 17
Town patients, .	129.153	160.230	289.38	132.88	161.13	294.01
Private patients, .	33.404	32.596	66.00	32.67	31.34	64.01

RECOVERIES.

It is perhaps hardly worth the while to repeat what has been in substance frequently stated in former reports concerning this subject. It is still our belief that the number of reported recoveries varies in different hospitals according to the standard adopted by the physicians in charge. It is the custom of this hospital to apply the term recovered to those cases only where the restoration appears to be complete, and in which the probability of a return of the disease is extremely small. We are not willing to sacrifice what we believe to be the true principle in these cases.

The State hospitals labor under a disadvantage in that

they have no choice in the character of the patients admitted, being compelled to receive all that are committed.

The fairest method of reckoning the percentage of recoveries is to make the estimate on the number of the cases admitted in which there is a reasonable probability of cure. Every hospital physician knows that in large numbers of cases he can decide at once upon examination that recovery is practically out of the question.

Of the 166 cases admitted during the year to this hospital 55 per cent. could be justly pronounced as probably incurable. Thirty-six patients were discharged as recovered. Twelve recoveries are reported among the 122 first admissions, and one among the 35 of second.

The ratio of persons recovered to the number admitted was 22.15 per cent.

The ratio of persons recovered to the number discharged was 23.65 per cent.

The ratio of persons recovered to the number discharged, exclusive of deaths, was 29.91 per cent.

DISCHARGE ON PROBATION.

Thirty-seven patients were discharged on probation under the sixty-days law. Of these, 36 were discharged at the end of the sixty days and 1 returned to the hospital; 25 of this number went to their homes, 8 to almshouses and 4 to board in families.

Nearly the whole number of these were patients who were not regarded as fully recovered, and most of them were cases of such a character as to make a trial necessary before the officers in charge could decide as to the advisability of a permanent discharge.

During the past three years 25 patients who were removed by the Board of Lunacy and Charity, and boarded in families, were discharged under this law. Of this number two returned to the hospital on account of physical disabilities which needed special treatment, and two by reason of a recurrence of maniacal excitement. The success of this experiment seems to justify us in believing that many of the quiet chronic cases can be safely and properly cared for in this manner under suitable supervision.

Many cases of a similar character are removed from the hospitals and cared for by friends. In the latter instance personal interest enters more largely into the motive for removal, and their subsequent care and treatment.

DEATHS.

The number of deaths for the year was 31, this being the same number as for the year preceding. The daily average population being a little smaller, makes the percentage of deaths a little larger than in the previous year, as will be seen from the table of percentages.

In a large proportion of the cases the disease was chronic in character. In many others the cause was the result of long-continued abnormal conditions. Seven deaths were caused by consumption, two by Bright's disease and two by heart disease of long standing. Three persons who had been for many years in the hospital died of chronic brain disease. In three cases, apoplexy following other disease was the cause of death,— one of a woman who had been an inmate of the hospital one day. One woman, who had disease of the heart for years, was brought to the hospital in an exhausted condition, and soon died. Two patients died of epilepsy of long standing, one of paralysis; one patient, an aged woman, of maniacal exhaustion. One man, who had been confined to his bed for two years from nervous affections, died of exhaustion. One man who had been a patient for twenty-eight years, and who had been accustomed to work about the barns for over twenty years, fell through a scuttle by accident, producing fracture of the skull. One man eighty-five and one woman ninety-two years of age died without any apparent disease. One person only died of general paralysis.

The amount of acute disease has been unusually small. The hospital has been free from any case of suicide for nearly four years.

The ratio of deaths to the daily average number of patients was 6.59 per cent.; to the total number of cases treated, 4.88 per cent.

Of the 31 persons who died, 6 were supported by the State, 21 by cities and towns, and 4 by individuals. The

usual table of the annual number of deaths and ratio is appended.

Deaths and their Ratios from Sept. 30, 1858, to Oct. 1, 1888.

OFFICIAL YEAR.	Whole No. of Patients.	Daily Aver- age No. of Patients.	DEATHS.			Per cent. on Whole No. of Patients treated.	Per cent. on Daily Aver- age No. of Patients.
			Men.	Women.	Totals.		
1858-59, .	313	229.55	7	12	19	6.07	8.27
1859-60, .	398	255.96	9	18	27	6.78	10.54
1860-61, .	434	314.26	15	15	30	6.91	9.54
1861-62, .	442	313.80	9	10	19	4.29	6.05
1862-63, .	470	355.28	19	7	26	5.53	7.31
1863-64, .	475	357.63	17	30	47	9.89	13.14
1864-65, .	469	342.40	17	24	41	8.76	11.97
1865-66, .	488	376.35	18	13	31	6.35	8.23
1866-67, .	543	401.03	23	24	47	8.65	11.71
1867-68, .	565	413.41	25	17	43	7.61	10.40
1868-69, .	590	405.10	13	12	25	4.23	6.17
1869-70, .	604	408.83	22	11	33	5.46	8.07
1870-71, .	616	421.90	16	12	28	4.54	6.64
1871-72, .	619	428.72	19	18	37	5.97	8.63
1872-73, .	614	437.23	13	8	21	3.42	4.80
1873-74, .	626	469.54	14	11	25	3.99	5.32
1874-75, .	629	475.35	23	18	41	6.52	8.62
1875-76, .	629	474.21	18	19	37	5.88	7.80
1876-77, .	603	476.16	21	21	42	6.96	8.82
1877-78, .	551	442.43	14	9	23	4.17	5.19
1878-79, .	535	436.73	14	9	23	4.29	5.27
1879-80, .	559	450.51	17	12	29	5.19	6.44
1880-81, .	569	451.79	16	10	26	4.57	5.75
1881-82, .	587	461.66	24	14	38	6.47	8.23
1882-83, .	606	466.76	17	13	30	4.95	6.42
1883-84, .	605	463.05	12	13	25	4.13	5.39
1884-85, .	599	475.94	16	11	27	4.51	5.67
1885-86, .	659	474.4	14	12	26	3.94	5.48
1886-87, .	639	478.55	13	18	31	4.85	6.47
1887-88, .	635	470.25	14	17	31	4.88	6.59

WORSHIP AND ENTERTAINMENT.

The following table gives a list of the assemblies of patients during the year :—

Exercises in Chapel.

1. ON THE SABBATH,—

Divine worship,	53 days.
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2. ON SECULAR EVENINGS,—

(a) *Readings and Recitations, opened and closed with music:*

The Bible and selections of poetry,	. . . . .	49 days.
The Bible and selections of prose,	. . . . .	2 "
The Bible and selections of poetry and prose,	. . . . .	2 "
Miscellaneous selections of prose,	. . . . .	82 "
Miscellaneous selections of poetry,	. . . . .	5 "
Miscellaneous selections of poetry and prose,	. . . . .	75 "
Recitations,	. . . . .	1 "

(b) *Other Entertainments:*

Pictures shown with the stereopticon,	. . . . .	8 "
Concerts,	. . . . .	2 "
Ventriloquism,	. . . . .	1 "
Sleight of hand,	1 "

(c) *Social Assemblies:*

Quadrille parties,	20 "
No assembly,	65 "

Total,	366 days.
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Religious services were held in the chapel on Sabbath afternoons. The average attendance at service was 279, the largest number was 293, the smallest, 261.

The evening assemblies were omitted on Tuesday and Friday evenings in the months of June, July, August and September, and on the evenings of days in which official visits were made to the hospital.

Thanksgiving Day was observed with the usual Thanksgiving dinner and a dance in the evening. A special entertainment was prepared for Christmas Eve, consisting mainly of exercises appropriate to the occasion, a Christmas tree and gifts for all the patients in the house ; many of these were furnished by friends. The true value of these exercises cannot be rightly estimated by those who are unacquainted

with hospital life and unaccustomed to the care of the insane ; and it is often surprising to those who conduct the exercises to find how well they are comprehended and how generally they are appreciated. Mental disorder does not necessarily destroy one's ability to follow a line of argument or to enjoy a bit of humor. The sermon, the lecture, the reading and concert are often criticised and discussed and commented upon.

INEBRIATES.

The experience of this hospital in regard to the commitment of persons under the dipsomania act proves, in our opinion, that under the present working of the law very little good is accomplished. The great difficulty that stands in the way is, that the patients recover in a short time from the immediate effects of their intemperance, become restless, and desire to be discharged. The friends of the patients, either because they are unwilling to incur the displeasure of the patient, or for other reasons, request that they be discharged. The result is that they are removed before any permanent benefit is accomplished. The appetite for stimulants is not removed, and as a rule they fall again into their former habits, and the second state is worse than the first.

Six persons were committed during the year as inebriates. The first remained in the hospital three months, was discharged, and in a short time was recommitted. The second remained two months, and after discharge relapsed into his old habit. The third remained in the hospital one and a half months, was again committed and remained one month ; after his discharge he fell into the same course and soon died from the effects. The fourth remained one month, and a few weeks after his discharge was sentenced to the house of correction. The fifth and sixth have been in the hospital respectively three and four weeks. The latter is one of that class of cases in which the intemperance is not habitual. Under a peculiar combination and stress of circumstances they become temporarily addicted to the use of stimulants. They usually have an earnest desire and determination to reform, and the restraint of hospital life is often of great assistance to them.

FARM.

The season has been favorable for most of the crops upon the farm, the total products being larger than ever before. The amount of hay produced is more than ever, while that of apples and potatoes, with other vegetables, is amply sufficient for the needs of the hospital. Each succeeding year's experience confirms the opinion that the farm is a most valuable adjunct to the hospital. A large number of patients are admitted each year who are accustomed to out-door work and who are ready to assist in the farm labor. While no patient is compelled to work, the officers of the hospital feel that they are warranted in advising and even urging those who are in a suitable condition to engage in some employment. The following table gives the annual amount of hay produced since 1864:—

1864, estimated, . . .	40 tons.	1877, weighed, . . .	154 tons.
1865, " . . .	62 "	1878, " . . .	179 "
1866, " . . .	42 "	1879, " . . .	144 "
1867, weighed, . . .	82 "	1880, " . . .	154 "
1868, " . . .	86 "	1881, " . . .	213 "
1869, " . . .	91 "	1882, " . . .	170 "
1870, " . . .	74 "	1883, " . . .	197 "
1871, " . . .	75 "	1884, " . . .	174 "
1872, " . . .	91 "	1885, " . . .	251 "
1873, " . . .	84 "	1886, " . . .	269 "
1874, " . . .	120 "	1887, " . . .	302 "
1875, " . . .	100 "	1888, " . . .	305 "
1876, " . . .	111 "		

The piggery still continues to be a source of considerable profit to the hospital. Forty-six hogs were slaughtered, the heaviest being 617 pounds. The total product for the year was 18,465 pounds. The table appended gives the amount for each year since 1865:—

Pork Raised upon the Farm.

1865,	6,265 pounds.	1872,	11,366 pounds.
1866,	5,443 "	1873,	10,511 "
1867,	7,416 "	1874,	12,024 "
1868,	7,791 "	1875,	12,693 "
1869,	8,469 "	1876,	12,467 "
1870,	7,447 "	1877,	13,605 "
1871,	7,863 "	1878,	14,451 "

1879,	13,569 pounds.	1884,	10,192* pounds.
1880,	14,729 " "	1885,	17,544 "
1881,	15,610 "	1886,	21,503 "
1882,	14,414 "	1887,	26,331 "
1883,	15,612 "	1888,	18,465 "

The number of gallons of milk produced during the year was 29,590 ; one-third of this number is given in the list of farm products ; the other two-thirds are charged to the farm in the quantity of food consumed, cost of the animal, etc. The farm now contains about 395 acres. It has always been well managed.

Thorough tillage and fertilizing have largely increased its productiveness, while under-draining and reclaiming waste land has continually increased the amount of available meadow and pasturage. It has now become a source of considerable profit, aside from the benefit and convenience of having at hand a large supply of the best quality of milk, pork, vegetables and fruits.

List of Products in 1888.

Hay (first growth of home farm), 186½ tons,	\$2,793 75
Hay (south lot), 31¾ tons,	476 25
Hay (Clarke orchard), 14½ tons,	213 75
Hay (aftergrowth of whole farm), 68¾ tons,	1,031 25
Hay (Hungarian grass), 4 tons,	60 00
Corn fodder, dry, 24 tons,	144 00
Corn, 360 bushels,	252 00
Potatoes, 2,732 bushels,	1,639 20
Broom seed, 40 bushels,	16 00
Broom brush, 1,000 pounds,	60 00
Carrots, 130 bushels,	52 00
Sugar beets, 876 bushels,	262 80
Beets, 175 bushels,	87 50
Onions, 510 bushels,	255 00
Turnips, 809 bushels,	202 25
Parsnips, 70 bushels,	35 00
Beans (Lima), in shell, 85 bushels,	85 00
Beans (common), in shell, 64½ bushels,	64 50
Beans (string), 9½ bushels,	19 00
Beans (Lima), dry, 5 bushels,	15 00
Pease (green), in pod, 109½ bushels,	219 00
Sweet corn (green), in ear, 310 bushels,	310 00
Tomatoes, 216 bushels,	216 00

* Quantity diminished by disease.

Lettuce, 81 bushels,	\$81 00
Cucumbers, 164 bushels,	164 00
Squash (summer), 106 bushels,	106 00
Squash (winter), 7,100 pounds,	142 00
Melons, 2,236 pounds,	22 36
Asparagus, 12 bushels,	36 00
Pie plant, 130 bushels,	130 00
Beet greens, 12 bushels,	12 00
Spinach, 14½ bushels,	14 50
Cabbage, 3,400 heads,	102 00
Currants, 11½ bushels,	23 00
Apples, 1,757 barrels,	2,196 25
Pears, 37½ bushels,	28 12
Quinces, 10 bushels,	20 00
Grapes, 210 pounds,	5 00
Veal (raised here), 1,038 pounds,	114 61
Pork, 18,338 pounds,	1,293 82
Pigs sold, 293,	868 50
Pigs, roasting, 6,	12 00
Ducks, 98 pounds,	19 60
Turkeys, 14 pounds,	2 80
Chickens, 1,008 pounds,	198 82
Heads and plucks, 19,	19 00
Eggs, 501 dozen,	110 27
Milk (grass fed), 9,863½ gallons,	2,367 20
Cider, 80 barrels,	160 00
Calf-skins, 10,	12 50
Young calves sold, 7,	25 00
Wood, 34½ cords,	104 25
Ensilage, 90 tons,	270 00
Rye straw, 4 tons,	48 00
Rye, 60 bushels,	42 00
<hr/>	
	\$17,259 85

HOW THE HOSPITAL IS SUPPORTED.

The following financial exposition is the same that was published in the annual report of 1886–87, with the exception of changes necessary for its adaptation to present circumstances.

Although a State institution, this hospital has received no gratuitous assistance from the State since the spring of 1867. Since that time it has relied for its income solely upon the products of its farm, the board bills of its patients, and the small sum of ten dollars each for the funeral expenses of State patients who die in the hospital, and

whose remains are not removed for burial. The receipts from the last-mentioned source during the year were \$50.

For the entire support of State patients, including clothing and all loss from breakage and other kinds of destruction, the hospital received \$3.50 each per week from the treasury of the Commonwealth, from April 1, 1870, to April 1, 1879. For one year after the latter date it received but \$3 each per week; and since April 1, 1880, it has received \$3.25 each per week. This is a compensation fixed by statute law. One hundred and fifteen, or more than one-fifth, of the inmates now belong to this class. During the past year the weekly average of them was 23.85 per cent. of the whole. For town patients it has received, and now receives, from the treasuries of the towns, respectively, in which these patients have legal settlements, the same sum per week (\$3.25 each) as from the State treasury for State patients.

Formerly the towns clothed their patients and remunerated the hospital for damages done by them, but have not done so since April 1, 1888. Two hundred and ninety-eight of the inmates are now in this class. The weekly average of them for the year was 62.52 per cent. of the whole. For private patients there is no uniform price. The average pay from all who were here Sept. 30, 1888, was \$5.143 each per week. Clothing and damages are extra charges. The weekly average of these patients during the past year was a fraction over 13 per cent. of the whole. The average weekly pay per capita, charged by the hospital for all its patients, State, town and private, in the course of the year, is \$3.517.

Such are the pecuniary resources of the institution. We turn to the results of the finance of the last twenty-three years.

In April, 1865, the hospital was freed from debt. The financial statement at the close of that month showed a balance of \$302.04 in its favor. Between that time and the 1st of June, 1867, it received a direct bonus from the State of \$5,000 in two appropriations, for specific purposes,—one of \$2,000 and the other of \$3,000.

As an offset to the \$5,000 bonus, the hospital has purchased and paid for several lots of land, amounting to nearly two hundred and four acres, together with four dwelling-houses. The total cost of this real estate was \$32,883.92. The State has, then, in this way alone, been overpaid for its bonus in the sum of \$27,883.92.

The amount paid by the hospital for repairs and improvements in the course of the last year is \$5,766.31; in the course of the twenty-three years from Sept. 30, 1865, to Sept. 30, 1888, is \$266,527.09.

The surplus of cash assets now on hand, including the reserve fund, is \$37,803.31, or \$37,501.27 larger than it was on the 30th of April, 1865.

The purchased provisions and supplies, including fuel and stored clothing now on hand, are estimated to have cost \$16,160.45. The estimated value of similar supplies on the 30th of April, 1865, was \$2,500. The increase of assets under this head is, therefore, \$13,660.45. The value of household furniture in the hospital is, at a low estimate, at least \$10,000 greater than it was on the 30th of April, 1865, at the same rate or standard of appraisal. To be certain, however, of no exaggeration, let it be called \$8,000.

Collecting these several sums, the account of debit of the Commonwealth to the hospital appears to be as follows:—

Excess of cost of land over direct bonus,	\$27,883 92
Repairs and improvements,	266,527 09
Excess of present cash assets,	37,501 27
Increase of provisions and supplies,	13,660 45
Increase of furniture,	8,000 00
Total,	\$353,572 73

The necessary current repairs of the building may be estimated at \$3,000 annually. Deducting this sum for each of the twenty-three years since Sept. 30, 1865, a total of \$69,000, there is a remainder of \$284,572.73. To this amount, then, has the hospital assisted itself to things, for most of which it is generally expected that such institutions will rely on direct appropriations from the treasury of the Commonwealth.

In the preparation of this summary we have taken into account only the actual disbursements of money by the hospital in contributing to its own improvements. But, aside from this, a large amount of work in effecting those improvements was performed by the teams of horses and cattle belonging to the institution, and by the regular corps of its employees.

Agreeably to all correct business principles, as well as to the custom at some similar institutions, the hospital should be accredited with the amount of the value of this labor; but no credit has ever been given for it. Many thousands of dollars might, in this direction, be justly added to the sum above mentioned, as the product of the efforts of the hospital in the promotion of its own material progress.

In connection with the above exposition, it may be interesting to know to what extent the tax-payers of the State have contributed to the institution. From a list furnished by the State treasurer of all the appropriations made either for the construction, the repairs, or the improvements of the hospital, I find that, from the time of the passage of the act authorizing its erection down to the present day, it has cost the people of the Commonwealth only three hundred and seventy-five thousand five hundred and fifty dollars (\$375,550).

ACKNOWLEDGMENTS.

The hospital has been kindly remembered in the past year by many of its friends in contributions of reading matter and gifts. Thanks are due to Mr. S. E. Bridgeman for a quantity of papers and magazines; to Miss Florence S. Austin for a box of Christmas presents and a quantity of reading matter; to Mrs. S. M. Butler and Mrs. S. A. Woodworth for numerous gifts to patients; to the publishers of the "Staaten Zeitung" and "Christian Register" for one copy of those papers weekly; to Dr. T. W. Meekins for stereopticon exhibitions; to Misses Longley and Shattuck for concerts; and to many others who are unknown, for gifts and reading matter.

CONCLUSION.

The year has brought about the usual number of changes. Eleven attendants left the service, four of this number being discharged for transgression of rules, or misconduct. No change has occurred in the list of the subordinate officers. It is gratifying to be able to say that the success of the institution during the year is largely due to the hearty co-operation that has been given by all who were associated with me, and to the personal support and wise counsel of your Board.

EDWARD B. NIMS.

A P P E N D I X .

* 2. *Monthly Admissions, Discharges and Averages.*

MONTHS.	ADMISSIONS.			DISCHARGES (including Deaths).			DAILY AVERAGES OF PATIENTS IN THE HOUSE.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
1887.									
October, . . .	10	6	16	6	9	15	226.16	245.13	471.29
November, . . .	5	6	11	6	5	11	228.7	243.5	472.2
December, . . .	7	6	13	11	11	22	222.90	239.19	462.09
1888.									
January, . . .	4	2	6	6	3	9	222.61	237.81	460.42
February, . . .	7	12	19	4	5	9	221.72	241.93	463.65
March, . . .	5	7	12	4	2	6	224.80	245.42	470.22
April, . . .	9	6	15	9	7	16	224.6	248.9	473.5
May, . . .	8	6	14	7	6	13	224.48	247.45	471.93
June, . . .	10	8	18	8	8	16	227.8	246.	473.8
July, . . .	5	2	7	8	6	14	227.90	247.77	475.67
August, . . .	10	5	15	7	7	14	227.77	243.97	471.74
September, . . .	7	13	20	3	6	9	231.2	245.3	476.5
Total of cases, . . .	87	79	166	79	75	154	-	-	-
Total of persons, . . .	82	76	158	75	75	150	-	-	-
Daily average for the year, . . .	-	-	-	-	-	-	225.88	244.37	*†470.25

* For Table No. 1, see the beginning of the Superintendent's report.

† These totals are obtained by a division of the sums of daily residence for the year by 366, the number of days in the year.

3. *Received on First and Subsequent Admissions.*

NUMBER OF THE ADMISSION.	CASES ADMITTED.			TIMES PREVIOUSLY RECOVERED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
First,	62	60	122	-	-	-
Second,	19	16	35	8	4	12
Third,	3	3	6	-	4	4
Fifth,	3	-	3	7	-	7
Total of cases,	87	79	166	15	8	23
Total of persons,	82	76	158	11	6	17

4. *Age of Persons Admitted for the First Time.*

AGES.	AT FIRST ATTACK OF INSANITY.			WHEN ADMITTED.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	1	-	1	-	-	-
Fifteen years and less,	1	2	3	1	1	2
From 15 to 20 years,	3	3	6	5	4	9
20 to 25 years,	5	8	13	3	9	12
25 to 30 years,	5	6	11	10	6	16
30 to 35 years,	12	9	21	12	7	19
35 to 40 years,	9	5	14	9	6	15
40 to 50 years,	3	6	9	8	10	18
50 to 60 years,	5	6	11	6	6	12
60 to 70 years,	2	4	6	5	8	13
70 to 80 years,	-	1	1	2	3	5
Over 80 years,	-	-	-	1	-	1
Unknown,	16	10	26	-	-	-
Total of persons,	62	60	122	62	60	122

5. *Parentage of Persons Admitted.*

PLACES OF NATIVITY.	Males.		Females.		Totals.	
	Father.	Mother.	Father.	Mother.	Father.	Mother.
Maine,	2	2	-	-	2	2
New Hampshire,	1	1	2	-	3	1
Vermont,	5	8	3	3	8	11
Massachusetts,	14	21	9	13	23	34
Rhode Island,	3	1	-	1	3	2
Connecticut,	6	3	1	2	7	5
New York,	5	3	5	6	10	9
Ohio,	1	1	-	-	1	1
Michigan,	1	-	-	-	1	-
Maryland,	-	-	-	1	-	1
Canada,	5	4	5	6	10	10
England,	2	1	3	1	5	2
Ireland,	19	19	33	32	52	51
Scotland,	2	1	1	1	3	2
Germany,	3	3	3	2	6	5
Sweden,	-	-	1	1	1	1
Poland,	1	1	-	-	1	1
Russia,	1	1	-	-	1	1
Unknown,	11	12	10	7	21	19
Total of persons,	82	82	76	76	158	158

6. *Residence of Persons Admitted.*

PLACES.	Males.	Females.	Totals.
Hampshire County,	12	18	30
Hampden County,	35	37	72
Berkshire County,	24	16	40
Franklin County,	10	5	15
Suffolk County,	1	-	1
Total of persons,	82	76	158
Cities and large towns,	33	33	66
Country districts,	49	43	92
Total of persons,	82	76	158

7. *Civil Condition of Persons Admitted.*

NUMBER OF THE ADMISSION.	UNMARRIED.			MARRIED.			WIDOWED.			DIVORCED.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
First, . .	36	28	64	20	20	40	6	12	18	-	-	-
Second, . .	11	4	15	5	6	11	-	3	3	-	-	-
Third, . .	-	2	2	1	-	1	-	1	1	-	-	-
Fifth, . .	1	-	1	2	-	2	-	-	-	-	-	-
Total of persons, . .	48	34	82	28	26	54	6	16	22	-	-	-

8. *Occupations of Persons Admitted.*

MALES.		MALES.
Blacksmith,	.	1
Brass moulder,	.	2
Baggage master,	.	1
Box maker,	.	1
Book agent,	.	1
Bookkeeper,	.	1
Bookbinder,	.	1
Baker,	.	1
Carpenter,	.	2
Cigar maker,	.	1
Cigar packer,	.	1
Cook,	.	1
Druggist,	.	1
Farmer,	.	9
Fishing and hunting,	.	1
Journalist,	.	1
Laborer,	.	17
Lawyer,	.	1
Merchant,	.	2
Machinist,	.	1
Mill operative,	.	2
None,	.	14
Paper maker,	.	4
Painter,	.	2
Pattern maker,	.	1
Saloon keeper,	.	1
Silver plater,	.	1
Shoemaker,	.	2
Soap maker,	.	1
Sewing-machine agent,	.	1
Spinner,	.	1
		Total of persons, . . . 82
		FEMALES.
		Blacksmith's wife, . . . 1
		Carpenter's wife, . . . 3
		Conductor's wife, . . . 1
		Domestic, 17
		Dressmaker, 1
		Farmer's wife, 3
		Housekeeper, 8
		Laborer's wife, 5
		Mill overseer's wife, 1
		Mill operative's wife, 1
		Mill operative, 7
		Machinist's wife, 1
		None, 20
		Nurse, 1
		Policeman's wife, 1
		Salesman's wife, 1
		Straw braider, 1
		Stone cutter's wife, 1
		Teamster's wife, 1
		Teacher, 1
		Total of persons, . . . 76

9. *Reported Duration of Insanity before Last Admission.*

PREVIOUS DURATION.	FIRST ADMISSION TO THIS HOSPITAL.			ALL OTHER AD- MISSIONS.*			TOTALS.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital,	1	-	1	-	-	-	-	-	-
Under 1 month,	11	12	23	4	2	6	16	14	30
From 1 to 3 months, . .	13	9	22	2	3	5	15	12	27
3 to 6 months, . .	3	7	10	2	1	3	5	8	13
6 to 12 months, . .	3	4	7	-	1	1	3	5	8
1 to 2 years, . .	7	1	8	1	-	1	8	1	9
2 to 5 years, . .	3	7	10	4	3	7	7	10	17
5 to 10 years, . .	3	4	7	3	2	5	6	6	12
10 to 20 years, . .	-	4	4	2	2	4	2	6	8
Over 20 years,	2	1	3	-	1	1	2	2	4
Unknown,	16	11	27	7	4	11	23	15	38
Total of cases,	62	60	122	25	19	44	87	79	166
Total of persons,	62	60	122	20	16	36	82	76	158
Average of known cases, .	$2\frac{8}{6}$	$3\frac{1}{4}\frac{3}{9}$	$3\frac{1}{2}$	$4\frac{7}{9}$	$4\frac{1}{15}$	$5\frac{1}{3}\frac{6}{3}$	$2\frac{2}{3}\frac{5}{2}$	$3\frac{1}{16}$	$3\frac{2}{6}\frac{3}{4}$

* In this division of the table the whole period of time, from the first attack to the last admission, is indicated.

10. *Form of Disease in the Cases Admitted.*

FORM OF DISEASE.	Males.	Females.	Totals.
Congenital,	1	-	1
Epilepsy,	3	-	3
General paralysis of the insane,	7	-	7
Mania,	1	1	2
acute,	10	26	36
chronic,	22	16	38
recurrent,	3	4	7
a potu,	5	-	5
senile,	3	2	5
Melancholia,	-	1	1
acute,	-	8	8
recurrent,	2	-	2
Dementia, primary,	10	11	21
secondary,	-	2	2
senile,	2	2	4
Delusional, primary,	5	2	7
Dipsomania,	5	-	5
Kleptomania,	1	-	1
Toxic,	-	1	1
Inebriate,	5	3	8
Not insane,	2	-	2
Total of cases,	87	79	166
Total of persons,	82	76	158

11. *Probable Causes of Insanity in Persons Admitted.*

CAUSES.	Males.	Females.	Totals.
<i>Physical.</i>			
Ill health,	4	13	17
Epilepsy,	2	2	4
Intemperance,	20	4	24
Overwork,	3	—	3
Overwork and ill health,	—	1	1
Change of life,	—	1	1
Opium eating,	1	6	7
Morphine taking,	—	1	1
Hereditary,	5	5	10
Masturbation,	9	—	9
Injury of head,	2	1	3
Old age,	3	3	6
Puerperal,	—	1	1
Nervous exhaustion,	—	1	1
Sunstroke,	2	—	2
Stimulants,	—	1	1
Excessive use of tobacco,	1	—	1
Overwork and trouble,	2	—	2
Syphilis,	2	—	2
Congenital,	1	—	1
<i>Mental.</i>			
Trouble,	4	—	4
Domestic trouble,	1	5	6
Loss of friends,	—	1	1
Mental shock,	—	1	1
Religious excitement,	2	3	5
Total of mental,	7	10	17
Total of physical,	57	40	97
Not insane,	2	—	2
Unknown,	16	26	42
Total of persons,	82	76	158

12. *Relation to Hospital of Persons Admitted.*

HOSPITAL RELATION.	Males.	Females.	Totals.
Never before in any hospital, . . .	59	56	115
Former inmates of this hospital, . . .	16	11	27
Former inmates of other hospitals in this State,	3	4	7
Former inmates of hospitals in other States,	2	1	3
Former inmates of this hospital and of hospitals in other States,	—	—	—
Former inmates of other hospitals in this State, and of hospitals in other States, . .	2	2	4
Former inmates of foreign hospitals, . . .	—	1	1
Former inmates of this hospital and of foreign hospitals,	—	1	1
Total of persons,	82	76	158

13. Discharges, Classified by Admission and Result.

14. How Supported.

SUPPORTED AS	PATIENTS ADMITTED.			WEEKLY AVERAGE OF THE YEAR.		
	Males.	Females	Totals.	Males.	Females.	Totals.
State patients, . . .	34	22	56	60.37	51.80	112.17
Town patients, . . .	41	46	87	132.88	161.13	294.01
Private patients, . . .	12	11	23	32.67	31.34	64.01
Total of cases, . . .	87	79	166	225.92	244.27	470.19

15. Cases Discharged Recovered — Duration.

PERIOD.	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Under 1 month, . . .	8	6	14	3	—	3	—	—	—
From 1 to 3 months, . .	3	3	6	12	2	14	5	—	5
3 to 6 months, . .	2	—	2	6	7	13	5	—	5
6 to 12 months, . .	1	1	2	2	1	3	3	6	9
1 to 2 years, . .	1	—	1	—	—	—	—	2	2
2 to 5 years, . .	2	—	2	—	3	3	3	2	5
5 to 10 years, . .	3	2	5	—	—	—	4	2	6
10 to 20 years, . .	—	—	—	—	—	—	—	—	—
Over 20 years, . . .	—	—	—	—	—	—	—	—	—
Unknown,	3	1	4	—	—	—	3	1	4
Total of cases, . . .	23	13	36	23	13	36	23	13	36
Total of persons, . .	22	13	35	22	13	35	22	13	35
Average of known cases (in months), . . .	16 $\frac{9}{10}$	12	15 $\frac{1}{6}$	3 $\frac{1}{10}$	12 $\frac{3}{13}$	6 $\frac{5}{6}$	22 $\frac{9}{20}$	22 $\frac{1}{2}$	22 $\frac{5}{8}$

16. Cases Resulting in Death. — Duration.

PERIOD.	DURATION BEFORE ADMISSION.			HOSPITAL RESIDENCE.			WHOLE DURATION FROM THE ATTACK.		
	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.	Ma.	Fe.	Tot.
Congenital, . .	—	—	—	—	—	—	—	—	—
Under 1 month, . .	—	2	2	—	3	3	—	1	1
From 1 to 3 months,	—	1	1	1	2	3	—	1	1
3 to 6 months,	—	2	2	—	1	1	—	1	1
6 to 12 months,	2	2	4	—	—	—	—	1	1
1 to 2 years, .	1	—	1	2	2	4	—	1	1
2 to 5 years, .	2	5	7	4	6	10	1	1	2
5 to 10 years, .	—	3	3	1	1	2	2	7	9
10 to 20 years, .	1	—	1	3	2	5	1	2	3
Over 20 years, . .	3	—	3	3	—	3	6	—	6
Unknown, . . .	5	2	7	—	—	—	4	2	6
Totals, . . .	14	17	31	14	17	31	14	17	31
Average of known cases (in months), .	116 $\frac{8}{9}$	26 $\frac{1}{5}$	60 $\frac{1}{2}$	118 $\frac{9}{14}$	38 $\frac{1}{7}$	74 $\frac{1}{5}$	166 $\frac{1}{14}$	56 $\frac{1}{4}$	127 $\frac{1}{5}$

17. Cases Discharged by Recovery or Death.

FORM OF INSANITY.	RECOVERIES.			DEATHS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Epilepsy,	—	—	—	3	1	4
Paralysis of the insane, . .	—	—	—	—	1	1
Mania,	—	—	—	4	2	6
acute,	5	9	14	—	2	2
chronic,	—	—	—	—	4	4
recurrent,	2	2	4	—	1	1
a potu,	2	—	2	—	—	—
Melancholia, acute, . .	—	—	—	1	3	4
recurrent,	2	—	2	—	—	—
Dementia,	—	—	—	5	—	5
primary,	—	1	1	—	1	1
secondary,	—	—	—	1	—	1
senile,	—	—	—	—	2	2
Toxic,	1	—	1	—	—	—
Dipsomania,	2	—	2	—	—	—
Inebriate,	9	1	10	—	—	—
Totals,	23	13	36	14	17	31

18. *Causes of Death.*

CAUSES.	Males.	Females.	Totals.
Nervous system,—			
Chronic brain disease,	2	1	3
Exhaustion of chronic mania, . . .	1	3	4
Exhaustion of acute melancholia, . .	-	1	1
General paralysis of the insane, . .	1	1	2
Apoplexy,	1	3	4
Epilepsy,	1	1	2
Respiratory,—			
Phthisis,	3	4	7
General,—			
Bright's disease,	2	-	2
Diabetes,	-	1	1
Fracture of the skull,	1	-	1
Heart disease,	1	-	1
Heart failure,	-	1	1
Old age,	1	1	2
Totals,	14	17	31

19. Deaths, Classified by Results of Previous Admissions.

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			UNIMPROVED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Second,	.	.	.	-	1	1	-	1	1	1	-	1	1	3	4
Third,	.	.	.	-	-	-	-	-	-	1	-	1	1	-	2
Totals,	.	.	.	-	1	1	-	1	1	2	-	2	2	4	6

20. Recoveries, Classified by Results of Previous Admissions.*

NUMBER OF THE ADMISSION.	RECOVERED.			MUCH IMPROVED.			IMPROVED.			UNIMPROVED.			TOTALS.		
	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
Second,	.	.	.	-	-	-	1	-	1	-	-	-	3	2	5
Fourth,	.	.	.	1	-	1	-	-	-	-	-	-	1	-	1
Totals,	.	.	.	3	2	5	-	-	-	1	-	-	4	2	6

* In all cases of more than one admission the classification is based upon the result of the admission next preceding the last in each case respectively.

21. Deaths, Classified by Duration of Insanity and of Treatment.

PERIOD.	DURATION OF INSANITY "FROM FIRST ATTACK."			WHOLE KNOWN PERIOD OF HOSPITAL RESIDENCE.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Congenital,	—	—	—	—	—	—
Under 1 month,	—	1	1	—	3	3
From 1 to 3 months,	—	1	1	1	1	2
3 to 6 months,	—	1	1	—	2	2
6 to 12 months,	—	—	—	—	—	—
1 to 2 years,	—	2	2	2	1	3
2 to 5 years,	1	1	2	4	6	10
5 to 10 years,	1	3	4	1	1	2
10 to 20 years,	2	2	4	5	3	8
Over 20 years,	5	1	6	1	—	1
Unknown,	5	5	10	—	—	—
Totals,	14	17	31	14	17	31
Average of known cases (in months),	228 $\frac{2}{3}$	74 $\frac{11}{12}$	140 $\frac{17}{21}$	121 $\frac{3}{14}$	70 $\frac{5}{17}$	93 $\frac{9}{31}$

22. Ages of Those who Died.

AGES.	AT TIME OF FIRST ATTACK.			AT TIME OF DEATH.		
	Males.	Females.	Totals.	Males.	Females.	Totals.
Fifteen years and less,	2	1	3	—	—	—
From 15 to 20 years,	—	—	—	—	—	—
20 to 25 years,	2	1	3	—	1	1
25 to 30 years,	1	1	2	1	—	1
30 to 35 years,	—	1	1	1	1	2
35 to 40 years,	1	1	2	—	2	2
40 to 50 years,	3	4	7	3	3	6
50 to 60 years,	1	—	1	4	2	6
60 to 70 years,	1	6	7	3	5	8
70 to 80 years,	1	1	2	—	2	2
Over 80 years,	—	—	—	1	1	2
Unknown,	2	1	3	1	—	1
Totals,	14	17	31	14	17	31

23. Annual Admissions since the Opening of the Hospital, with the Discharges and Deaths within the Official Year, and the Number of each Year's Admissions remaining Sept. 30, 1888.

NEW CASES (FIRST ADMISSION).

YEARS.	ADMITTED.		RECOVERED.		MUCH IMPROVED.		IMPROVED.		UNIMPROVED.		DIED.	
	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.	Males.	Females.
1858, 2 months,	99	129	228	88	-	-	-	-	-	-	1	-
1858-59,	42	46	157	91	-	-	-	-	-	-	1	-
1859-60,	66	46	104	58	-	-	-	-	-	-	1	-
1860-61,	51	43	94	56	57	113	1	-	-	-	1	-
1861-62,	35	30	65	35	-	-	-	-	-	-	1	-
1862-63,	54	55	109	66	52	118	-	-	-	-	1	-
1863-64,	42	69	111	42	71	125	-	-	-	-	1	-
1864-65,	54	72	136	54	80	103	183	88	181	85	168	158
1865-66,	66	72	136	64	80	103	183	88	181	85	168	158
1866-67,	42	69	111	42	71	125	-	-	-	-	1	-
1867-68,	54	72	136	54	72	125	-	-	-	-	1	-
1868-69,	66	72	136	64	72	125	-	-	-	-	1	-
1869-70,	80	80	181	93	93	181	-	-	-	-	1	-
1870-71,	83	83	181	85	85	181	-	-	-	-	1	-
1871-72,	89	89	181	85	85	181	-	-	-	-	1	-
1872-73,	89	89	181	85	85	181	-	-	-	-	1	-

223. *Annual Admissions since the Opening of the Hospital, with the Discharges and Deaths within the Official Year, and the Number of each Year's Admissions remaining Sept. 30, 1888—Concluded.*

24. Relapsed Cases Admitted in each Year, and Discharged in 1887-88.

YEARS.	ADMITTED.	DISCHARGED AND DIED IN 1887-88.			REMAINING SEPT. 30, 1888.		
		RECOVERED.	MUCH IMPROVED.	IMPROVED.	UNIMPROVED.	DIED.	Females.
1858, 2 months,	· · · · ·	— 2	— 5	— 8	— 10	— 4	— 2
1858-59,	· · · · ·	— 2	— 5	— 7	— 8	— 3	— 5
1859-60,	· · · · ·	— 2	— 5	— 6	— 5	— 4	— 5
1860-61,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1861-62,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1862-63,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1863-64,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1864-65,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1865-66,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1866-67,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1867-68,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1868-69,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1869-70,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1870-71,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1871-72,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1872-73,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1873-74,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1874-75,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5
1875-76,	· · · · ·	— 2	— 5	— 6	— 5	— 3	— 5

225. *Operations of the Hospital, from the beginning, in each Year.*

		ADMITTED.		RECOVERED.		MUCH IMPROVED.		IMPROVED.		UNIMPROVED.	
		Males,	Females,	Males,	Females,	Males,	Females,	Males,	Females,	Males,	Females,
1858.		-	-	-	-	-	-	-	-	-	-
1859-60.		1858-59.	1860-61.	1861-62.	1862-63.	1863-64.	1864-65.	1865-66.	1866-67.	1867-68.	1868-69.
1860-61.		1858.		1859-60.		1860-61.		1861-62.		1862-63.	
1861-62.		1860-61.		1861-62.		1862-63.		1863-64.		1864-65.	
1862-63.		1861-62.		1862-63.		1863-64.		1864-65.		1865-66.	
1863-64.		1862-63.		1863-64.		1864-65.		1865-66.		1866-67.	
1864-65.		1863-64.		1864-65.		1865-66.		1866-67.		1867-68.	
1865-66.		1864-65.		1865-66.		1866-67.		1867-68.		1868-69.	
1866-67.		1865-66.		1866-67.		1867-68.		1868-69.		1869-70.	
1867-68.		1866-67.		1867-68.		1868-69.		1869-70.		1870-71.	
1868-69.		1867-68.		1868-69.		1869-70.		1870-71.		1871-72.	
1869-70.		1868-69.		1869-70.		1870-71.		1871-72.		1872-73.	
1870-71.		1869-70.		1870-71.		1871-72.		1872-73.		1873-74.	
1871-72.		1870-71.		1871-72.		1872-73.		1873-74.		1874-75.	
1872-73.		1871-72.		1872-73.		1873-74.		1874-75.		1875-76.	
1873-74.		1872-73.		1873-74.		1874-75.		1875-76.		1876-77.	
1874-75.		1873-74.		1874-75.		1875-76.		1876-77.		1877-78.	
1875-76.		1874-75.		1875-76.		1876-77.		1877-78.		1878-79.	
1876-77.		1875-76.		1876-77.		1877-78.		1878-79.		1879-80.	
1877-78.		1876-77.		1877-78.		1878-79.		1879-80.		1880-81.	
1878-79.		1877-78.		1878-79.		1879-80.		1880-81.		1881-82.	
1879-80.		1878-79.		1879-80.		1880-81.		1881-82.		1882-83.	
1880-81.		1879-80.		1880-81.		1881-82.		1882-83.		1883-84.	
1881-82.		1880-81.		1881-82.		1882-83.		1883-84.		1884-85.	
1882-83.		1881-82.		1882-83.		1883-84.		1884-85.		1885-86.	
1883-84.		1882-83.		1883-84.		1884-85.		1885-86.		1886-87.	
1884-85.		1883-84.		1884-85.		1885-86.		1886-87.		1887-88.	
1885-86.		1884-85.		1885-86.		1886-87.		1887-88.			

26. *Classed Average of Patients.*

OFFICIAL YEAR.	State Patients.	Town Patients.	Private Patients.	Totals.
<i>Monthly Average.</i>				
1864-65, . . .	225.10	48.16	69.83	343.24
1865-66, . . .	252.16	50.58	75.58	378.33
<i>Weekly Average.</i>				
1866-67, . . .	261.96	49.46	89.75	401.17
1867-68, . . .	262.65	47.92	103.06	413.63
1868-69, . . .	248.52	54.98	101.46	404.96
1869-70, . . .	236.19	65.04	107.23	408.46
1870-71, . . .	234.10	77.07	118.38	429.55
1871-72, . . .	226.96	89.57	112.27	428.80
1872-73, . . .	248.02	99.23	90.00	437.25
1873-74, . . .	284.48	102.88	82.06	469.42
1874-75, . . .	274.35	128.34	72.46	475.15
1875-76, . . .	259.19	146.02	68.94	474.15
1876-77, . . .	254.84	161.58	60.02	476.44
1877-78, . . .	211.90	175.71	54.75	442.36
1878-79, . . .	200.34	182.29	54.23	436.86
1879-80, . . .	197.03	198.01	55.46	450.50
1880-81, . . .	180.82	214.15	57.19	452.15
1881-82, . . .	166.84	238.25	56.52	461.61
1882-83, . . .	161.62	247.63	57.58	466.83
1883-84, . . .	155.10	251.23	56.06	462.39
1884-85, . . .	154.44	261.58	59.82	475.84
1885-86, . . .	140.23	270.52	63.61	474.36
1886-87, . . .	122.78	289.38	66.00	476.16
1887-88, . . .	112.17	294.01	64.01	470.19

27. *Monthly Consumption of Gas.*

MONTHS.	Cubic Feet.	Daily Average.
1887.		
October,	43,200	1,393.55
November,	51,250	1,708.33
December,	66,952	2,159.74
1888.		
January,	65,250	2,104.84
February,	51,200	1,765.51
March,	44,750	1,443.54
April,	33,350	1,111.66
May,	23,550	759.67
June,	17,700	590.00
July,	17,850	575.80
August,	24,180	780.00
September,	36,650	1,221.66
Totals,	475,882	15,614.30

28. *Supplies for the Several Departments for the Year 1887-88.*

228. *Supplies for the Several Departments for the Year 1887-88*—Concluded.

	Men's Department.												Women's Department.														
	Upper	1st	Hall,	2d	Hall,	3d	and	4th	Halls,	Middle	1st	Hall,	2d	Hall,	3d	and	4th	Halls,	Lower	1st	Hall,	2d	Hall,	3d	and	4th	Halls,
Clothes-bags.	-	1	-	-	-	-	-	-	-	-	2	-	24	-	-	-	-	-	-	1	-	-	-	-	-	-	
Glass Castors.	-	18	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Spoons.	-	1	-	-	-	-	-	-	-	-	2	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Napkins.	-	6	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Tim Plates.	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Tim Cups.	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	1	-	-	-	-	-	-	
Iron Spoons.	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-	-	1	-	-	-	-	-	-	
Dish Towels.	-	6	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Rolleers.	-	6	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Wash-basins.	-	1	-	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Brooms.	-	40	44	1	2	1	2	2	2	1	1	3	2	1	1	3	2	1	1	3	2	1	1	3	2	1	
Soap, Pounds.	-	13	18	14	11	11	17	54	23	18	11	11	5	6	7	9	2	2	8	10	4	1	4	1	3	2	
Serub-brushes.	-	1	-	-	-	-	-	-	-	-	1	1	3	2	1	1	3	2	1	1	4	1	4	1	3	2	
Dust-pans.	-	2	-	1	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Mops.	-	1	-	1	1	3	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Pails.	-	1	-	1	2	2	2	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Spittoons.	-	2	-	1	2	1	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Blackings.	-	4	3	5	10	7	11	5	6	7	5	6	7	9	2	2	8	10	4	1	4	1	3	2	1		
Shoe-brushes.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Spools Thread.	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Papers Needles.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Papers Pins.	-	1	-	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Rubber Chammers.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
Aggregates.	19	144	-	21	18	72	90	120	176	148	7	516	1,554	26	24	20	12	66	57	6	61	6	170	36	132	-	

29. *Day's Work by Patients.*

MONTHS.	FARM.	KITCHEN.			SEWING- ROOM.	LAUNDRY.			
		Men.	Men.	Women.		Women.	Men.	Women.	
1887.									
October,	.	776	155	184	339	189	47	341	388
November,	.	689	150	177	327	203	48	300	348
December,	.	618	155	193	348	251	48	367	415
1888.									
January,	.	569	155	180	335	264	50	372	422
February,	.	522	145	168	313	239	49	351	400
March,	.	549	155	172	327	254	45	377	422
April,	.	549	150	159	309	247	45	298	343
May,	.	698	155	180	335	222	50	339	389
June,	.	776	150	182	332	232	51	323	374
July,	.	736	155	184	339	248	52	360	412
August,	.	763	155	209	364	253	54	404	458
September,	.	672	150	195	345	252	37	347	384
Totals,	.	7,917	1,830	2,183	4,013	2,854	576	4,179	4,755

The patients whose work is recorded in this table were employed as many hours in the day as were the employees in each of the several departments, respectively. The total number of days' work is 19,539, to which may be added 454 days by men in the mattress room, making an aggregate of 19,993 days.

No record was kept of the time of work on the ornamental grounds, at the stable, in the bakery, the boiler-room and the carpenter's shop. A large amount of other work was done both in the halls and at irregular times out of them.

30. *List of Articles made in the Sewing-Room.*

Dresses,	247	Napkins hemmed,	24
Waists,	22	Curtains,	103
Chemises,	52	Sheets,	513
Drawers,	64	Pillow-cases,	120
Skirts,	102	Spreads,	70
Night-dresses,	17	Bed-ticks,	47
Burial robes,	6	Bolster-cases,	7
Hats trimmed,	23	Cushions,	45
Caps,	211	Clothes-bags,	18
Aprons,	159	Bureau-covers,	65
Collars,	254	Dish-towels,	159
Shirts,	73	Roller-towels,	245
Camisoles,	8	Carpets made,	3
Suspenders, pairs,	53	Carpet-strips hemmed,	29
Table-cloths,	16	Articles repaired,	21,248

31. *Upholstery Done in the Year.*

Hair mattresses made, new materials,	21
Hair mattresses overhauled, hair repicked,	107
Old underbeds filled with new husks,	105
Hair pillows overhauled, hair repicked,	87
Cushions made, new material,	45

32. *Annual Cost of Gas.*

YEAR.	Cost of Gas.	Average Number of Patients.	Cost per Patient.
1860-61,	\$2,030 39	314.26	\$6 46
1861-62,	2,085 29	313.80	6 64
1862-63,	2,109 02	355.63	5 93
1863-64,	2,069 79	357.63	5 78
1864-65,	1,653 05	342.40	4 82
1865-66,	1,107 98	376.35	2 94
1866-67,	1,056 16	401.03	2 63
1867-68,	1,022 51	413.41	2 47
1868-69,	903 92	405.10	2 23
1869-70,	915 30	408.83	2 23
1870-71,	1,043 99	421.90	2 47
1871-72,	980 94	428.72	2 28
1872-73,	1,006 61	437.23	2 30
1873-74,	1,066 74	469.54	2 27
1874-75,	1,012 63	475.35	2 13
1875-76,	1,089 82	474.21	2 29
1876-77,	1,033 59	476.16	2 17
1877-78,	1,066 02	442.43	2 41
1878-79,	1,033 05	436.73	2 37
1879-80,	945 00	450.51	2 10
1880-81,	949 65	451.79	2 10
1881-82,	919 13	461.66	2 00
1882-83,	992 10	466.76	2 10
1883-84,	1,031 55	463.05	2 23
1884-85,	912 49	475.94	1 92
1885-86,	882 90	474.4	1 86
1886-87,	854 97	478.54	1 79
1887-88,	901 74	470.25	1 91

33. *Trustees of the Northampton Lunatic Hospital.*

NAMES.	Residence.	When app'ted.	Service ended.	From what cause.
Charles E. Forbes,* .	Northampton, . .	1856	1857	Term expired.
Lucien C. Boynton,* .	Uxbridge, . .	1856	1858	" "
Eliphalet Trask, . .	Springfield, . .	1856	1875	" "
John C. Russell,* .	Great Barrington, .	1856	1859	Resigned.
Horace Lyman, . .	Greenfield, . .	1856	1857	Reinoved.
Charles Smith, . .	Northampton, . .	1857	1860	Resigned.
Luther V. Bell,* .	Somerville, . .	1857	1859	"
Zebina L. Raymond,* .	Greenfield, . .	1858	1859	"
Franklin Ripley,* .	Greenfield, . .	1859	1860	Died in office.
Edward Dickinson,* .	Amherst, . .	1859	1864	Resigned.
Walter Laflin,* .	Pittsfield, . .	1859	1866	Term expired.
Silas M. Smith,* .	Northampton, . .	1860	1863	" "
Charles Allen, . .	Greenfield, . .	1860	1861	Resigned.
Alfred R. Field,* .	Greenfield, . .	1861	1864	"
Edward Hitehcoek, .	Amherst, . .	1863	1879	"
Silas M. Smith,* .	Northampton, . .	1864	1887	Died in office.
Edmund H. Sawyer,* .	Easthampton, . .	1864	1879	" "
Henry L. Sabin,* .	Williamstown, . .	1866	1876	Term expired.
Adams C. Deane, . .	Greenfield, . .	1875	-	Still in office.
Henry W. Taft, . .	Pittsfield, . .	1876	-	" "
William M. Gaylord, .	Northampton, . .	1879	1883	Term expired.
Lyman D. James, .	Williamsburg, . .	1879	-	Still in office
Christopher Merritt, .	Springfield, . .	1883	1888	Term expired.
Sarah A. Woodworth, .	Chicopee, . .	1884	-	Still in office.
Sarah M. Butler, . .	Northampton, . .	1884	-	" "
John L. Otis, . .	Florence, . .	1887	-	" "
N. A. Leonard, . .	Springfield, . .	1888	-	" "

* Deceased.

34. *Officers and Employees.*

Time employed, Oct. 1, 1888.

NAMES.	Years.	Months.	Days.
Edward B. Nims, M.D., Superintendent, . . .	19	9	16
Edward B. Lane, M.D., 1st Assistant Physician, . . .	—	7	1
David G. Hall, M.D., 2d Assistant Physician, . . .	5	3	20
Emily F. Wells, M.D., 3d Assistant Physician, . . .	3	9	—
Walter B. Welton, Clerk,	22	7	16
John Mercier, Farmer,	21	2	—
Danford Morse, Engineer,	23	6	9
Robert H. Gallivan, Supervisor,	15	5	13
Lucy A. Gilbert, Supervisor,	21	7	20
F. Josephus Rice, Steward,	29	11	26
Susan A. Miller, Seamstress,	1	2	17
Nettie Lyman, Laundress,	1	2	7
George B. Walker, Baker,	4	3	22
Gertrude C. Arnold, Assistant Clerk,	4	8	27
Lucie L. Barrett, Assistant Supervisor,	2	—	12
Minnie A. Smith, Assistant Seamstress,	—	8	27
Jennie B. Morse, Assistant Laundress,	1	9	27
Mary Meagher, Assistant Laundress,	2	4	21
Henry W. Esty, Attendant,	6	6	7
William J. Douglass, Attendant,	6	6	5
John L. Howard, Attendant,	6	3	25
James M. Shippcrly, Attendant,	3	8	1
Thomas Lavelle, Attendant,	2	6	23
Anson T. Hale, Attendant,	1	5	—
Allen Coit, Attendant,	—	11	20
Martin S. Hardiman, Attendant,	—	10	1
Fred. A. Shumway, Attendant,	—	5	25
Michael Brown, Attendant,	—	5	—
James Swift, Attendant,	—	5	12
Frederick P. Crosby, Attendant,	—	2	.25
William T. Shipperly, Attendant,	—	2	16
Maria E. Graves, Attendant,	20	8	9
Jane McGuire, Attendant,	13	5	5
Cecile Reil, Attendant,	11	11	25
Frances F. Poor, Attendant,	9	11	15
Flora R. Brown, Attendant,	5	9	25
Jeanette McLean, Attendant,	5	1	3
Nellie D. Parker, Attendant,	4	6	17
Philomene Goyette, Attendant,	5	6	13
Nellie E. Stearns, Attendant,	3	3	2
Effie Clapp, Attendant,	2	3	17
Elizabeth M. Pomeroy, Attendant,	2	2	5
Julia Webber, Attendant,	—	11	18
Alice A. Hawkes, Attendant,	—	9	27
Celeste Goyette, Attendant,	3	6	16
Harriet Strong, Attendant,	1	6	13
Adeline Morgan, Attendant,	—	—	12
Jessie A. Rand, Night Watch,	7	3	11
Lena Marble, Farmers' Dining Room,	3	2	7

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34. Officers and Employees—Concluded.

NAMES.	Years.	Months.	Days.
Hattie Darling, Centre,	1	10	-
Sophia Vidimier, Centre,	-	8	28
Mary E. McClellan, Centre,	-	2	12
Ida D. Hyde, Centre,	3	4	6
Lillian M. Douglass, Cook,	6	11	22
Jeauette Loomis, Assistant Cook,	1	1	15
Bridget O'Sullivan, Assistant Cook,	-	2	5
Mary Mangen, Assistant Cook,	-	2	5
Mary A. Carnes, Rear,	5	3	-
William C. Hall, Assistant Engineer,	23	-	20
Nicholas Reil, Night Engineer,	12	9	25
Robert McNaughton, Watchman,	1	2	30
Sifroi Belville, Carpenter,	18	5	7
Walter Tower, Carpenter,	11	10	-
Alfred Parenteau, Painter,	23	1	18
David Mereier, Coachman,	11	7	14
Benjamin Rockwell, Assistant Farmer,	21	4	-
Henry Wilson, Assistant Farmer,	9	5	8
James Madden, Assistant Farmer,	13	-	29
Eugene Sullivan, Assistant Farmer,	13	5	-
George E. Hunter, Assistant Farmer,	2	5	19
William Ahearn, Assistant Farmer,	-	5	5
Loren Tower, Car Boy,	3	-	18
William Noble, Assistant Baker,	-	4	7

